

Introduction

Purpose

- ◆ Understand the Relation of CONOPS Principles to Safety and Productivity
- ◆ GTB (6.1) Relate CONOPS to an Operational Environment
- ◆ Tech Manager (1.1) Working Level Knowledge of DOE 5480.19 To Ensure Implementation
- ◆ RAD Protection (2.9) Familiarity with CONOPS as Related to Radiological Work

Introduction

What is Conduct of Operations

Job Performance Techniques that Promote Quality, Consistency, and Safety of Operations

- ◆ Applicable to Everyone
- ◆ Successful
 - Communications
 - Turnover
 - Goal Setting

Introduction

Chapters

1. Operations Organization and Administration
2. Shift Routines and Operating Practices
3. Control Area Activities
4. Communications

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Chapters

5. Control of On-Shift Training

6. Investigation of Abnormal Events

7. Notifications

8. Control of Equipment and System Status

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Chapters

9. Lockouts and Tagouts

10. Independent Verification

11. Logkeeping

12. Operations Turnover

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Chapters

13. Operations Aspects of Facility Chemistry and Unique Processes

14. Required Reading

15. Timely Orders to Operators

16. Operations Procedures

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Chapters

17. Operator Aid Postings

18. Equipment and Piping Labeling

Introduction

DOE 5480.19

- ◆ Cross Cutting
- ◆ Expert Based to Standard Based System
- ◆ Safety Order
- ◆ Applicable to Everyone

Introduction

What does CONOPS contribute to DOE

- ◆ Establishes Standards of Excellence
- ◆ Establishes Uniform Standards
- ◆ Promotes Safety and Effectiveness

Introduction

In Other Words CONOPS:

- ◆ Saves Time and Money
- ◆ Prevents Injuries
- ◆ Minimize Mishaps

Introduction

History and Development

- ◆ Three Mile Island
- ◆ Bhopal
- ◆ Chernobyl

Introduction

DOE CONOPS Incidents

- ◆ Digging Accident
- ◆ Forklift Accident
- ◆ Improper Lockout/Tagout

Introduction

Summary

Success Is “Far From a Simple Gimmick” and Depends upon:

- ◆ Streamlined Organization
- ◆ Talented, Trained Players
- ◆ Well-Defined Rules of the Game
- ◆ Self Appraisal
- ◆ Leadership

Introduction

Presentation Organization

Module	Title	Chapters
II	Operations Management	1, 5, 14, 15
III	Routine Operations	2,3,4,11,12,13,14
IV	Equipment Control	8, 9, 10, 18
V	Control & Use of Procedures	16, 17
VIII	Investigation and Notification	6,7